

Patching OCC for CGM

OpenCASCADE must be patched to enable all CGM tests to run correctly and to fix problems building on Linux 10.x/GCC 4.4.x.

The occ_patches file should be your CGM source tree at <CGM_SOURCE>/geom/OCC. Once you have downloaded and untarred the OpenCASCADE software there should be an OpenCASCADE6.3.0 directory. Change to that directory. To apply the patch do the following:

```
patch -p0 < <CGM_SOURCE>/geom/OCC/occ_patches
```

This should apply the patches to your OpenCASCADE software. If the patch command did not work you can open the occ_patches file and find the files that need to be modified. You can then manually change them as described in the patch file.

Once the patch has been applied you can then build/rebuild OpenCASCADE.